

Title (en)

RETRACT MANDREL MILL AND METHOD FOR ROLLING TUBING

Title (de)

WALZWERK MIT EINZIEHBAREN DORNEN UND VERFAHREN ZUM ROLLEN VON RÖHREN

Title (fr)

LAMINOIR À MANDRIN À RÉTRACTION ET PROCÉDÉ DE LAMINAGE DE TUBES

Publication

EP 2484458 A4 20130605 (EN)

Application

EP 10820069 A 20100901

Priority

- JP 2009225951 A 20090930
- JP 2010005368 W 20100901

Abstract (en)

[origin: EP2484458A1] A retract mandrel mill, comprising a mandrel mill and an extractor, the mandrel mill including a mandrel bar and being configured to roll a tube blank into which the mandrel bar is inserted, the extractor being configured to extract the mandrel bar from the tube blank that has been rolled in the mandrel mill, wherein the distance between the mandrel mill and the extractor is adjustable, and a method for rolling a tube blank by using the retract mandrel mill. As the result of the adjustable distance, even when a tube blank which is shorter than usual is rolled, there is no need to add an extra extension to the length of the tube blank to be elongation-rolled, and the wear of the mandrel bar can be suppressed so that the tube blank can be rolled efficiently and with high yields.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] EP 0601932 A1 19940615 - SUMITOMO METAL IND [JP]
- [A] GB 1074958 A 19670705 - CONTUBIND SA, et al
- [A] US 3874212 A 19750401 - NOSAL VSEVOLOD VLADIMIROVICH, et al
- [A] FR 1205075 A 19600129 - DEMAG AG
- See references of WO 2011039943A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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